

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
INVITATION TO BID

ELECTRONIC BIDS FOR THE CONSTRUCTION OF THE FOLLOWING PROJECTS WILL BE PUBLICLY READ IN ROOM 156-A/B, THE DESIGN SERVICES LARGE CONFERENCE ROOM, LOCATED IN BUILDING B AT 1020 BIRCH RIDGE DRIVE, RALEIGH, N.C. AT **10:00AM ON JANUARY 21, 2003**. NO ELECTRONIC BIDS WILL BE RECEIVED AFTER 10:00 A.M.

BIDS SHALL BE SUBMITTED IN ACCORDANCE WITH THE SPECIAL PROVISION TITLED "ON-LINE ELECTRONIC BIDDING" CONTAINED IN EACH PROPOSAL FORM.

THE BIDDER SHALL FURNISH A NON-COLLUSION AFFIDAVIT FOR EACH BID. AFFIDAVIT FORMS WILL BE INCLUDED IN THE PROPOSAL AS PART OF THE SIGNATURE SHEETS.

A BID BOND OR BID DEPOSIT IN THE AMOUNT OF 5% OF THE TOTAL AMOUNT BID WILL BE REQUIRED. THE BIDDER SHALL USE THE STANDARD BID BOND FORM OF THE DEPARTMENT OF TRANSPORTATION, UNLESS HE ELECTS TO FURNISH A BID DEPOSIT. COPIES OF THIS BOND FORM WILL BE ENCLOSED WITH EACH PROPOSAL FORM. ADDITIONAL BOND FORMS MAY BE OBTAINED FROM THE RALEIGH OFFICE. (PHONE - 919-250-4124).

THE MINIMUM WAGE FOR LABOR WILL BE SHOWN IN THE PROPOSAL FORM FOR FEDERAL AID PROJECTS.

CONTRACTOR'S LICENSE: A GENERAL CONTRACTOR'S LICENSE IS REQUIRED IN ORDER TO SUBMIT A BID ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000.00 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. FOR ADDITIONAL INFORMATION OR TO MAKE APPLICATION FOR A LICENSE, APPLY TO THE EXECUTIVE SECRETARY OF THE CONTRACTOR LICENSING BOARD, P.O. BOX 17187, RALEIGH, NC 27619, (919-571-4183).

STATE PRIVILEGE LICENSE TAXES: CONTRACTORS WHO BID UPON AND/OR ARE AWARDED NORTH CAROLINA HIGHWAY CONSTRUCTION PROJECTS ARE SUBJECT TO CONTRACTOR BIDDERS AND/OR CONTRACTOR PROJECT PRIVILEGE LICENSE TAXES UNDER G.S. 105-54 OF THE STATE REVENUE LAWS. FOR INFORMATION, WRITE TO THE NORTH CAROLINA DEPARTMENT OF REVENUE, LICENSE AND EXCISE TAX DIVISION, P.O. BOX 25000, RALEIGH, NC 27640, OR CALL 919-733-3673.

PREQUALIFYING TO BID: ALL PROSPECTIVE BIDDERS SHALL BE PREQUALIFIED WITH THE DEPARTMENT OF TRANSPORTATION PRIOR TO SUBMITTING A BID. CONTRACTORS WHO ARE NOT PREQUALIFIED MAY OBTAIN INFORMATION AND FORMS FOR PREQUALIFYING FROM THE MANAGER OF CONSTRUCTION, DIVISION OF HIGHWAYS, DEPARTMENT OF TRANSPORTATION, 1543 MAIL SERVICE CENTER, RALEIGH, N. C., 27699-1543. ALL REQUIRED PREQUALIFICATION STATEMENTS AND DOCUMENTS SHALL BE FILED WITH THE MANAGER OF CONSTRUCTION AT LEAST TWO WEEKS PRIOR TO THE DATE OF OPENING BIDS.

THE DEPARTMENT OF TRANSPORTATION HEREBY NOTIFIES ALL BIDDERS THAT IT WILL AFFIRMATIVELY INSURE THAT IN ANY CONTRACT ENTERED INTO PURSUANT TO THIS INVITATION TO BID, MINORITY BUSINESS ENTERPRISES WILL BE AFFORDED FULL OPPORTUNITY TO SUBMIT BIDS IN RESPONSE TO THIS INVITATION AND WILL NOT BE DISCRIMINATED AGAINST ON THE GROUNDS OF RACE, COLOR, SEX, OR NATIONAL ORIGIN IN COMPENSATION TO THIS AWARD.

PROPOSAL FORMS AT **\$25.00** EACH, PLANS (SMALL SIZE) AT **\$40.00** PER SET, PLANS (LARGE SIZE) AT **\$100.00** PER SET, AND CROSS-SECTIONS AT **\$40.00** PER SET, PLUS SALES TAX FOR N.C. RESIDENTS, MAY BE OBTAINED BY TELEPHONING (919-250-4124), FAXING (919-250-4127), OR WRITING TO : PLANS AND PROPOSALS, DESIGN SERVICES UNIT, DEPARTMENT OF TRANSPORTATION, 1591 MAIL SERVICE CENTER, RALEIGH, N.C., 27699-1591. THESE CHARGES ARE NOT DEPOSITS AND WILL NOT BE REFUNDED. ALL ORDERS FOR PROPOSAL FORMS, PLANS AND CROSS-SECTIONS DELIVERED IN NORTH CAROLINA ARE SUBJECT TO 6.5% SALES TAX. ORDERS MAILED TO OUT OF STATE CONTRACTORS ARE NOT SUBJECT TO SALES TAX. MAKE ALL CHECKS PAYABLE TO THE **"N.C. DEPARTMENT OF TRANSPORTATION"**.

THE RIGHT IS RESERVED TO REJECT ANY OR ALL BIDS.

TODAY'S DATE IS DECEMBER 20, 2002.
BY ORDER OF THE DEPARTMENT OF TRANSPORTATION
(THE WORK WILL CONSIST APPROXIMATELY AS SHOWN ON THE FOLLOWING SHEETS)

REVIEW OF PLANS AND PROPOSALS IN DIVISION OFFICE

IN ORDER TO FACILITATE AND ENCOURAGE THE INVOLVEMENT OF MINORITY BUSINESS ENTERPRISES IN THE HIGHWAY CONSTRUCTION PROCESS, IT IS THE POLICY OF THE DEPARTMENT OF TRANSPORTATION, DIVISION OF HIGHWAYS, THAT A SET OF PLANS AND PROPOSAL FOR EACH PROJECT TO BE LET WILL BE MAINTAINED FOR REVIEW BY ANY CONTRACTOR INTERESTED IN BIDDING UPON OR QUOTING WORK IN AN ADVERTISED PROJECT.

THE PROPOSALS AND PLANS WILL BE AVAILABLE FOR REVIEW BEGINNING TWO WEEKS PRIOR TO THE DATE OF BID OPENING IN THE DIVISION OFFICE WHICH WILL ADMINISTER THE CONTRACT. THE DEPARTMENT WILL, UPON REQUEST, MAKE AVAILABLE FROM ITS STAFF A PERSON TO EXPLAIN THE PROPOSED PROJECT AND TO ANSWER GENERAL QUESTIONS RELATING TO THE PROJECT. THE PLANS AND PROPOSALS CAN BE REVIEWED ANY TIME MONDAY THRU FRIDAY, EXCLUDING HOLIDAYS, BETWEEN THE HOURS OF 8:00 A.M. AND 4:30 P.M. IN THE DIVISION OFFICE. IN ORDER TO HAVE A MEMBER OF THE STAFF EXPLAIN THE PROJECT AND/OR ANSWER GENERAL QUESTIONS PERTAINING TO THE PROJECT, PRIOR APPOINTMENTS MUST BE MADE BY CALLING THE APPROPRIATE DIVISION OFFICE.

FOLLOWING ARE THE LOCATIONS AND TELEPHONE NUMBERS OF THE OFFICES IN WHICH THE PLANS AND PROPOSALS WILL BE MADE AVAILABLE, REFERENCE SHOULD BE MADE TO THE SHEETS CONTAINING THE INDIVIDUAL PROJECT QUANTITIES TO DETERMINE WHICH DIVISION OFFICE WILL ADMINISTER THE CONTRACT.

<u>DIV NO.</u>	<u>DIVISION ENGINEER</u>	<u>LOCATION</u>	<u>TOWN</u>	<u>TELEPHONE</u>
00001	D. R. Conner	113 AIRPORT DRIVE	EDENTON	(252) 482-7977
00002	C. E. Lassiter, Jr.	105 PACTOLUS ROAD	GREENVILLE	(252) 830-3490
00003	H. A. Pope	124 DIVISION DRIVE	WILMINGTON	(910) 251-5724
00004	J. H. Trogdon, III	509 WARD BOULEVARD	WILSON	(252) 237-6164
00005	J. G. Nance	2612 NORTH DUKE STREET	DURHAM	(919) 560-6851
00006	T. R. Gibson	558 GILLESPIE STREET	FAYETTEVILLE	(910) 486-1493
00007	J. M. Mills	1534 YANCEYVILLE STREET	GREENSBORO	(336) 334-3192
00008	W. F. Rosser	902 N. SANDHILLS BOULEVARD	ABERDEEN	(910) 944-2344
00009	S. P. Ivey	2125 CLOVERDALE AVENUE	WINSTON-SALEM	(336) 631-1340
00010	B. G. Payne	716 WEST MAIN STREET	ABLEMARLE	(704) 982-0101
00011	R. C. McCann	NC-115 WEST	NORTH WILKESBORO	(336) 667-9111
00012	M. L. Holder	1710 EAST MARION STREET	SHELBY	(704) 480-5400
00013	J. J. Swain	55 ORANGE STREET	ASHEVILLE	(828) 251-6171
00014	R. G. Watson	253 WEBSTER ROAD	SYLVA	(828) 586-2141

===== SUMMARY OF PROPOSALS =====

Bid Letting Number L030121

RPN	Contract Id	WorkOrder	County	Length	JobType
001	C200669	6.201021	LENOIR	4.079 MI	WIDENING, GRADING, DRAINAGE, PAVING & CULVERT EXT.
002	C200618	8.1331602	WAYNE	0.284 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
003	C200619	8.1331902	WAYNE	7.800 MI	MEDIAN GUARDRAIL.
004	C200629	6.401016RETC	WAKE	7.890 KM	SHOULDER RECONSTRUCTION, MILLING & RESURFACING.
005	C200609	8.2572203	RANDOLPH	0.390 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
006	C200616	8.1675902	MECKLENBURG	8.440 MI	MEDIAN GUARDRAIL
007	C200613	8.2711503	ASHE	0.059 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
008	C200686	6.761009R	WILKES	1.000 MI	SHOULDER RECONSTRUCTION, MILLING & RESURFACING.
009	C200622	8.2780703	ALEXANDER	0.294 MI	GRADING, DRAINAGE, PAVING & STRUCTURE.
010	C200603	6.881008	MCDOWELL, MITCHELL	3.990 MI	WIDENING, GRADING, DRAINAGE & PAVING.

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L030121 001

CONTRACT ID : C200669 6.201021

DIV OFFICE GREENVILLE

LENGTH = 4.079 MI

COUNTY : LENOIR

WIDENING, GRADING, DRAINAGE, PAVING & CULVERT EXT.

MBE GOAL 10.0% WBE 5.0% COMPLETION DATE : DEC 31 2005

NC-11 FROM NC-241 IN PINK HILL TO DEEP RUN CREEK.

ROADWAY ITEMS

			4	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
			24	LF	6" OUTLET PIPE (SUBDRAINS)
			9	CY	ENDWALLS
			1	CY	PIPE COLLARS
			1	CY	PIPE PLUGS
			60	EA	MASONRY DRAINAGE STRUCTURES
			23	LF	MASONRY DRAINAGE STRUCTURES
			3	EA	FRAME WITH GRATE, STD 840.**** (840.24)
			4	EA	FRAME WITH GRATE, STD 840.29
			7	EA	FRAME WITH TWO GRATES, STD 840.16
			41	EA	FRAME WITH TWO GRATES, STD 840.24
			4	EA	FRAME WITH TWO GRATES, STD 840.29
			2	EA	FRAME WITH COVER, STD 840.54
			2,975	LF	***X *** CONCRETE CURB (8" X 18")
			475	LF	SHOULDER BERM GUTTER
			470	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
			2,100	LF	STEEL BM GUARDRAIL
			10	EA	ADDITIONAL GUARDRAIL POSTS
			10	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			26	TON	PLAIN RIP RAP, CLASS I
			425	TON	PLAIN RIP RAP, CLASS B
			2,800	SY	FILTER FABRIC FOR DRAINAGE
			2	EA	PREFORMED SCOUR HOLES WITH LEVEL SPREADER APRON
			1	CY	PLAIN CONCRETE SIGN FOOTINGS
			232	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			1,800	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			1	EA	SIGN ERECTION, TYPE D
			122	EA	SIGN ERECTION, TYPE E
			4	EA	SIGN ERECTION, TYPE F
			1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
			4	EA	RELOCATE SIGN, TYPE ***** (D)
			52	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			371	SF	WORK ZONE SIGNS (STATIONARY)
			200	SF	WORK ZONE SIGNS (PORTABLE)
			188	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	FLASHING ARROW PANELS, TYPE C
			2	EA	WARNING FLAG SETS
			478	EA	DRUMS
			192	LF	BARRICADES (TYPE III)
			80	MD	FLAGGER
			4	EA	WARNING LIGHTS (TYPE B)
			2	EA	TEMPORARY CRASH CUSHIONS
			910	LF	PORTABLE CONCRETE BARRIER
			1,076	EA	TEMPORARY RAISED PAVEMENT MARKERS
			82,145	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
			17,288	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
			8,118	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)
			80	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
			230,718	LF	PAINT PAVEMENT MARKING LINES (4")
			8,146	LF	PAINT PAVEMENT MARKING LINES (8")
			23	EA	PAINT PAVEMENT MARKING SYMBOL
			1,126	EA	PERMANENT RAISED PAVEMENT MARKERS
			795	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
Lump Sum	LS	MOBILIZATION			
28	MO	GENERIC MISCELLANEOUS ITEM FIELD OFFICE			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
1	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
75,000	CY	UNCLASSIFIED EXCAVATION			
17,220	CY	UNDERCUT EXCAVATION			
2,500	TON	CLASS IV SUBGRADE STABILIZATION			
57,000	CY	BORROW EXCAVATION			
5,650	CY	DRAINAGE DITCH EXCAVATION			
13,000	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
3,625	SY	REMOVAL OF EXISTING CONCRETE PAVEMENT			
30	HR	PROOF ROLLING			
20,000	CY	SELECT GRANULAR MATERIAL			
8,000	SY	FABRIC FOR SOIL STABILIZATION			
5,120	SF	TEMPORARY SHORING			
1,030	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
1,008	LF	15" SIDE DRAIN PIPE			
464	LF	18" SIDE DRAIN PIPE			
168	LF	24" SIDE DRAIN PIPE			
2,336	LF	15" RC PIPE CULVERTS, CLASS III			
1,692	LF	18" RC PIPE CULVERTS, CLASS III			
1,688	LF	24" RC PIPE CULVERTS, CLASS III			
748	LF	30" RC PIPE CULVERTS, CLASS III			
796	LF	36" RC PIPE CULVERTS, CLASS III			
508	LF	42" RC PIPE CULVERTS, CLASS III			
20	LF	48" RC PIPE CULVERTS, CLASS III			
35	EA	**" PIPE END SECTION (15")			
13	EA	**" PIPE END SECTION (18")			
2	EA	**" PIPE END SECTION (24")			
1	EA	**" PIPE END SECTION (30")			
40	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
2,660	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
1,000	LB	SEALING EXISTING PAVEMENT CRACKS			
41,800	TON	AGGREGATE BASE COURSE			
500	TON	INCIDENTAL STONE BASE			
1,000	SY	MILLING ASPHALT PAVEMENT, **** DEPTH (2")			
9,550	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B			
24,000	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B			
675	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A			
24,025	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
3,144	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
260	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
672	CY	SUBDRAIN EXCAVATION			
336	CY	SUBDRAIN FINE AGGREGATE			
2,000	LF	6" PERFORATED SUBDRAIN PIPE			
60	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS			

	40,142	LB	REINFORCING STEEL (CULVERT)
	56	TON	PLAIN RIP RAP, CLASS ** (1)
	60	SY	FILTER FABRIC FOR DRAINAGE
795	TON		BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
14	LF		6" DI WATER PIPE, CLASS ***** (PC350)
87	LF		12" DI WATER PIPE, CLASS ***** (PC350)
567	LF		4" PVC WATER PIPE, SDR ***** (SDR 21, 200# WP)
1,294	LF		6" PVC WATER PIPE, SDR ***** (SDR 21, 200# WP)
16,587	LF		12" PVC WATER PIPE, SDR ***** (SDR 21, 200# WP)
5,820	LB		DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP
3,314	LF		3/4" PE WATER TUBING, SDR 9, *****WP (200# WP)
178	LF		***" PE WATER TUBING, SDR 9, *****WP (1", 200# WP)
71	EA		3/4" CORPORATION STOP
1	EA		1" CORPORATION STOP
1	EA		**" GATE VALVE & VALVE BOX, *****WP (4", 200# WP)
7	EA		6" GATE VALVE & VALVE BOX, 200# WP
4	EA		12" GATE VALVE & VALVE BOX, *****WP (200# WP)
1	EA		**"X**" TAPPING SADDLE (12" X 1")
60	EA		**"X**" TAPPING SADDLE (12" X 3/4")
7	EA		**"X**" TAPPING SADDLE (4" X 3/4")
4	EA		**"X**" TAPPING SADDLE (6" X 3/4")
19	EA		RELOCATE EXISTING WATER METER
4	EA		RELOCATE EXISTING FIRE HYDRANT
4,550	LF		TEMPORARY SILT FENCE
950	TON		STONE FOR EROSION CONTROL, CLASS A
9,500	TON		STONE FOR EROSION CONTROL, CLASS B
3,350	TON		SEDIMENT CONTROL STONE
93.5	ACR		TEMPORARY MULCHING
3,350	LB		SEED FOR TEMPORARY SEEDING
13.5	TON		FERTILIZER FOR TEMPORARY SEED- ING
50	LF		TEMPORARY SLOPE DRAINS
2	EA		INLET PROTECTION AT TEMPORARY SLOPE DRAINS
31,400	CY		SILT EXCAVATION
7,850	SY		SYNTHETIC ROVING
8,400	SY		MATting FOR EROSION CONTROL
65	SY		PERMANENT SOIL REINFORCEMENT MAT
1,300	LF		1/4" HARDWARE CLOTH
170	LF		**" TEMPORARY PIPE (18")
180	LF		**" TEMPORARY PIPE (24")
490	CY		STILLING BASINS
10	EA		SPECIAL STILLING BASINS
92	ACR		SEEDING & MULCHING
55.5	ACR		MOWING
800	LB		SEED FOR REPAIR SEEDING
2	TON		FERTILIZER FOR REPAIR SEEDING
2,225	LB		SEED FOR SUPPLEMENTAL SEEDING
69	TON		FERTILIZER TOPDRESSING
170	LF		IMPERVIOUS DIKE
3	HR		SPECIALIZED HAND MOWING
24	EA		RESPONSE FOR EROSION CONTROL
7	ACR		REFORESTATION

CULVERT ITEMS

Lump Sum	LS	CULVERT EXCAVATION, STA ***** (115+11.52 -L-)
Lump Sum	LS	CULVERT EXCAVATION, STA ***** (213+93.26 -LREV-)
208	TON	FOUNDATION CONDITIONING MATER- IAL, BOX CULVERT
266.6	CY	CLASS A CONCRETE (CULVERT)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030121 002

CONTRACT ID : C200618

8.1331602

DIV OFFICE WILSON

LENGTH = 0.284 MI

COUNTY : WAYNE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 8.0% COMPLETION DATE : DEC 31 2004

BRIDGE OVER LITTLE RIVER & APPROACHES ON NC-581.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB-BING
200	CY	UNDERCUT EXCAVATION
325	CY	DRAINAGE DITCH EXCAVATION
3,000	CY	SELECT GRANULAR MATERIAL
3,000	SY	FABRIC FOR SOIL STABILIZATION
950	SF	TEMPORARY SHORING
40	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS
28	LF	15" SIDE DRAIN PIPE
60	LF	18" SIDE DRAIN PIPE
144	LF	15" RC PIPE CULVERTS, CLASS III
56	LF	18" RC PIPE CULVERTS, CLASS III
64	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK
4	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK
80	LF	PIPE REMOVAL
750	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
690	GAL	PRIME COAT
950	SY	INCIDENTAL MILLING
450	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
350	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
975	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
99	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
50	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
21	EA	RIGHT OF WAY MARKERS
2	CY	PIPE COLLARS
6	EA	MASONRY DRAINAGE STRUCTURES
5	EA	FRAME WITH TWO GRATES, STD 840.29
2	EA	GENERIC DRAINAGE ITEM PREFORMED SCOUR HOLE
250	LF	SHOULDER BERM GUTTER
150	SY	5" MONOLITHIC CONCRETE ISLANDS (KEYED IN)
675	LF	STEEL BM GUARDRAIL
150	LF	STEEL BM GUARDRAIL, SHOP CURVED
1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
650	LF	TEMPORARY STEEL BM GUARDRAIL
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
6	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
160	TON	PLAIN RIP RAP, CLASS B
580	SY	FILTER FABRIC FOR DRAINAGE
224	SF	WORK ZONE SIGNS (STATIONARY)
144	SF	WORK ZONE SIGNS (PORTABLE)
30	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
6	EA	WARNING FLAG SETS
50	EA	DRUMS
20	EA	CONES
48	LF	BARRICADES (TYPE III)
240	HR	FLAGGER
1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)

37	EA	TEMPORARY RAISED PAVEMENT MARKERS
3,500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
3,526	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
9,651	LF	PAINT PAVEMENT MARKING LINES (4")
37	EA	PERMANENT RAISED PAVEMENT MARKERS
65	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (VI)
65	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (IV)
15	LF	6" PVC WATER PIPE, SDR ***** (SDR 21, 200# WP)
1,141	LF	12" PVC WATER PIPE, SDR ***** (SDR 21, 200# WP)
2,225	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
1	EA	6" GATE VALVE & VALVE BOX, 200# WP
2	EA	12" GATE VALVE & VALVE BOX, *****WP (200# WP)
220	LF	GENERIC UTILITY ITEM 16" HDPE WATER PIPE BY DIRECTIONAL BORE
1,750	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
385	TON	STONE FOR EROSION CONTROL, CLASS B
120	TON	SEDIMENT CONTROL STONE
3	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.5	TON	FERTILIZER FOR TEMPORARY SEEDING
50	LF	TEMPORARY SLOPE DRAINS
2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
750	CY	SILT EXCAVATION
600	SY	SYNTHETIC ROVING
300	SY	MATTING FOR EROSION CONTROL
160	SY	PERMANENT SOIL REINFORCEMENT MAT
125	LF	1/4" HARDWARE CLOTH
4	ACR	SEEDING & MULCHING
1.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
3	TON	FERTILIZER TOPDRESSING
3	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.6	ACR	REFORESTATION
1	EA	GENERIC SIGNAL ITEM PORTABLE TRAFFIC SIGNAL SYSTEM

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (18+73.00-L-)
Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP ACCESS AT STA ***** (18+73.00-L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (18+73.00-L-)
136.4	LF	***" DIA DRILLED PIERS IN SOIL (4'-0")

100	LF	***_*** DIA DRILLED PIERS NOT IN SOIL (4'-0")
78.4	LF	PERMANENT STEEL CASING FOR ***_*** DIA DRILLED PIER (4'-0")
3	EA	SID INSPECTION
3	EA	SPT TESTING
3	EA	CROSSHOLE SONIC LOGGING
1,012.51	LF	CSL TUBES
133.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (18+73.00-L-)
34,576	LB	REINFORCING STEEL (BRIDGE)
7,607	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
440	LF	HP12X53 STEEL PILES
439.75	LF	CONCRETE BARRIER RAIL
296	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
329	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
2,853.5	LF	3'-0" X 1'-9" PRESTRESSED CONC CORED SLABS
Lump Sum	LS	GENERIC STRUCTURE ITEM UNCLASSIFIED STRUCTURE EXCAVA- TION

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L030121 003****CONTRACT ID : C200619 8.1331902****DIV OFFICE WILSON****LENGTH = 7.800 MI****COUNTY : WAYNE****MEDIAN GUARDRAIL.****DBE GOAL 1.0% COMPLETION DATE : SEE SPECIAL PROVISIONS****US-117 FROM NC-55 TO US-117 ALT.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
19,875	LF	STEEL BM GUARDRAIL
10	EA	ADDITIONAL GUARDRAIL POSTS
5	EA	GUARDRAIL ANCHOR UNITS, TYPE CAT-1
5	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
100	LF	REMOVE EXISTING GUARDRAIL
27,800	LF	DOUBLE FACED CABLE GUIDERAIL
30	EA	CABLE GUIDERAIL ANCHOR UNITS
272	SF	WORK ZONE SIGNS (PORTABLE)
2	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGNS
160	EA	DRUMS
160	EA	CONES
3	EA	TRUCK MOUNTED IMPACT ATTENUATOR (60 MPH)
56	ACR	MOWING
56	HR	SPECIALIZED HAND MOWING

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L030121 004

CONTRACT ID : C200629 6.401016R

DIV OFFICE DURHAM

LENGTH = 7.890 KM

COUNTY : WAKE

SHOULDER RECONSTRUCTION, MILLING & RESURFACING.

DBE GOAL 10.0% COMPLETION DATE : DEC 01 2003

US-401 FROM WEST LANE ST TO BRENTWOOD RD & US-1 FROM CALVARY ST TO NORTH OF SR-2041 (SPRING FOREST RD).

ROADWAY ITEMS					
			1,003	M	TRENCHING (UNPAVED)
			795	M	DIRECTIONAL DRILL POLYETHYLENE CONDUIT, 31.75MM (** CONDUIT)
					(1)
			3,035	M	TRENCH MULTI-DUCT, 31.75MM (** CONDUIT)
					(1)
			20	EA	JUNCTION BOX (STANDARD SIZE)
			53	EA	JUNCTION BOX (OVER-SIZED)
			4	EA	WOOD POLE
			10	EA	GUY ASSEMBLY
			3	EA	50MM RISER WITH WEATHERHEAD
			15	EA	50MM RISER WITH HEAT SHRINK TUBING
			3,359	M	INDUCTIVE LOOP SAWCUT
			12,580	M	LEAD-IN CABLE
			150	M	COMMUNICATIONS CABLE (** TWISTED-PAIR)
					(12)
			4,920	M	COMMUNICATIONS CABLE (**FIBER)
					(12)
			4,270	M	COMMUNICATIONS CABLE (**FIBER)
					(24)
			10	EA	INTERCONNECT CENTER
			10	EA	FIBER-OPTIC TRANSCEIVER
			53	EA	DELINEATOR MARKER
			2	EA	FURNISH FIBER-OPTIC TRANSCEIVER
		Lump Sum	LS		FIBER-OPTIC TRAINING
			24	EA	METAL STRAIN SIGNAL POLE
			24	EA	METAL SIGNAL POLE FOUNDATION
			5	EA	METAL STRAIN POLE DESIGN
			27	EA	SIGN FOR SIGNALS
			6	EA	SIGNAL CABINET FOUNDATION
			4	EA	CONDUIT ENTRANCE INTO EXISTING FOUNDATION
			4	EA	MODIFY FOUNDATION FOR CONTROLLER CABINET
			10	EA	CABINET BASE ADAPTER
			10	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)
			176	EA	DETECTOR CHANNEL (TYPE 2070L)
			1	EA	CENTRAL COMPUTER
			1	EA	NOTEBOOK COMPUTER
			1	EA	PRINTER
			5	EA	GENERIC SIGNAL ITEM
					PUNCH DOWN BLOCK
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	GENERIC MISCELLANEOUS ITEM			
		CLEAN MEDIAN BARRIER DRAIN SLOTS			
365.8	M	450MM RC PIPE CULVERTS, CLASS III			
10,433	KG	SEALING EXISTING PAVEMENT CRACKS			
272	MTN	INCIDENTAL STONE BASE			
9.66	SKM	SHOULDER RECONSTRUCTION			
23,411	M2	MILLING ASPHALT PAVEMENT, **MM DEPTH (63.5MM)			
1,254	M2	MILLING ASPHALT PAVEMENT, *** TO ***MM DEPTH (0MM TO 38.1MM)			
1,279	MTN	ASPHALT CONC BASE COURSE, TYPE B25.0C			
3,774	MTN	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
11,809	MTN	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
186	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
767	MTN	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
771	MTN	PATCHING EXISTING PAVEMENT			
5,442	MTN	GENERIC PAVING ITEM			
		ULTRATHIN HOT MIX ASPHALT, TYPE B			
135,448	M2	GENERIC PAVING ITEM			
		APPLICATION OF ULTRATHIN HOT MIX ASPHALT			
8	EA	MASONRY DRAINAGE STRUCTURES			
8	EA	FRAME WITH TWO GRATES, STD 840.16			
8	EA	CONCRETE APRON FOR DROP INLETS			
560	M2	125MM MONOLITHIC CONCRETE ISLANDS (KEYED IN)			
42	EA	ADJUSTMENT OF MANHOLES			
22	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES			
30,748	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 2.3MM)			
8,147	M	THERMOPLASTIC PAVEMENT MARKING LINES (100MM, 3.1MM)			
975	M	THERMOPLASTIC PAVEMENT MARKING LINES (200MM, 3.1MM)			
448	M	THERMOPLASTIC PAVEMENT MARKING LINES (600MM, 3.1MM)			
8	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (3.1MM)			
285	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (2.3MM)			
39,898	M	PAINT PAVEMENT MARKING LINES (100MM)			
448	M	PAINT PAVEMENT MARKING LINES (600MM)			
20	EA	PAINT PAVEMENT MARKING CHARACTER			
142	EA	PAINT PAVEMENT MARKING SYMBOL			
1,500	EA	PERMANENT RAISED PAVEMENT MARKERS			
Lump Sum	LS	PORTABLE LIGHTING			
2.02	HA	SEEDING & MULCHING			
4,335	M	SIGNAL CABLE			
91	EA	VEHICLE SIGNAL HEAD (300MM, 3 SECTION)			
14	EA	VEHICLE SIGNAL HEAD (300MM, 5 SECTION)			
22	EA	BACKPLATE			
5	EA	MODIFY EXISTING VEHICLE SIGNAL HEAD			
2,465	M	MESSENGER CABLE (6.35MM)			
1,300	M	MESSENGER CABLE (9.52MM)			
3,890	M	TRACER WIRE			
50	M	TRENCHING (PAVED)			

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030121 005

CONTRACT ID : C200609 8.2572203

DIV OFFICE ABERDEEN

LENGTH = 0.390 MI

COUNTY : RANDOLPH

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : AUG 01 2004

BRIDGE OVER DEEP RIVER AND APPROACHES ON SR-2261.

ROADWAY ITEMS

			5	EA	ADDITIONAL GUARDRAIL POSTS
			1	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
			3	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
Lump Sum	LS	MOBILIZATION	597	LF	REMOVE EXISTING GUARDRAIL
Lump Sum	LS	CONSTRUCTION SURVEYING	62.5	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)	1	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (AT-1)
	1	ACR SUPPLEMENTARY CLEARING & GRUBBING	1	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
15,400	CY	UNCLASSIFIED EXCAVATION	80	TON	PLAIN RIP RAP, CLASS II
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (20+37.00 -L-)	75	TON	PLAIN RIP RAP, CLASS A
	500	CY UNDERCUT EXCAVATION	225	TON	PLAIN RIP RAP, CLASS B
	2,800	CY BORROW EXCAVATION	1,270	SY	FILTER FABRIC FOR DRAINAGE
	665	CY DRAINAGE DITCH EXCAVATION	104	SF	WORK ZONE SIGNS (STATIONARY)
	1,700	SY REMOVAL OF EXISTING ASPHALT PAVEMENT	96	SF	WORK ZONE SIGNS (PORTABLE)
	1,000	CY SELECT GRANULAR MATERIAL	140	EA	DRUMS
	1,000	SY FABRIC FOR SOIL STABILIZATION	90	EA	CONES
	120	TON FOUNDATION CONDITIONING MATERIAL, MINOR STRS	96	LF	BARRICADES (TYPE III)
	24	LF 15" SIDE DRAIN PIPE	130	MD	FLAGGER
	148	LF 15" RC PIPE CULVERTS, CLASS III	27	EA	TEMPORARY RAISED PAVEMENT MARKERS
	332	LF 24" RC PIPE CULVERTS, CLASS III	3,940	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
	492	LF 30" RC PIPE CULVERTS, CLASS III	3,940	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
	68	LF 15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	1,576	LF	COLD APPLIED PLASTIC PAVEMENT MARKING LINES (4")
	20	LF 18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	15,760	LF	PAINT PAVEMENT MARKING LINES (4")
	24	LF 24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK	27	EA	PERMANENT RAISED PAVEMENT MARKERS
	2	EA 15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	22	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (V)
	2	EA 18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK	22	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (V)
Lump Sum	LS	PIPE REMOVAL	49.1	LF	6" DI WATER PIPE, PC 350
	445	TON AGGREGATE BASE COURSE	318.6	LF	8" DI WATER PIPE, PC 350
	100	TON INCIDENTAL STONE BASE	137.4	LF	3/4" COPPER WATER PIPE, TYPE K
	1,800	TON ASPHALT CONC BASE COURSE, TYPE B25.0B	1,350	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP
	1,100	TON ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B	3	EA	3/4" CORPORATION STOP
	900	TON ASPHALT CONC SURFACE COURSE, TYPE S9.5B	2	EA	6" GATE VALVE & VALVE BOX, 200# WP
	188	TON ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22	2	EA	8" GATE VALVE & VALVE BOX, *****WP (200#)
	50	TON ASPHALT PLANT MIX, PAVEMENT REPAIR	7	EA	RELOCATE EXISTING WATER METER
	112	CY SUBDRAIN EXCAVATION	2	EA	RELOCATE EXISTING FIRE HYDRANT
	84	CY SUBDRAIN FINE AGGREGATE	125	LF	8" DI SEWER PIPE, PC 350
	500	LF 6" PERFORATED SUBDRAIN PIPE	50	LF	FILL OR REMOVE ABANDONED *** PIPE, ***** (8", VCP)
	15	EA 6" SUBDRAIN PIPE WYES, TEES, & ELBOWS	67.9	LF	*** STEEL ENCASMENT PIPE, ***** THICK, BY BORING & JACKING (20", 0.188")
	1	EA CONCRETE PAD FOR SUBDRAIN PIPE OUTLET	1	EA	GENERIC UTILITY ITEM FLEXIBLE COUPLING, 8", DI TO VCP
	6	LF 6" OUTLET PIPE (SUBDRAINS)	1,205	LF	TEMPORARY SILT FENCE
	2	CY ENDWALLS	75	TON	STONE FOR EROSION CONTROL, CLASS A
0.55	CY	PIPE COLLARS	500	TON	STONE FOR EROSION CONTROL, CLASS B
0.06	CY	PIPE PLUGS	240	TON	SEDIMENT CONTROL STONE
	7	EA MASONRY DRAINAGE STRUCTURES	5	ACR	TEMPORARY MULCHING
	4.2	LF MASONRY DRAINAGE STRUCTURES	200	LB	SEED FOR TEMPORARY SEEDING
	1	EA FRAME WITH TWO GRATES, STD 840.16	0.75	TON	FERTILIZER FOR TEMPORARY SEEDING
	1	EA FRAME WITH TWO GRATES, STD 840.24	100	LF	TEMPORARY SLOPE DRAINS
	4	EA FRAME WITH TWO GRATES, STD 840.29	2	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
	1	EA FRAME WITH COVER, STD 840.54	870	CY	SILT EXCAVATION
	225	LF SHOULDER BERM GUTTER			
	680	LF CONCRETE EXPRESSWAY GUTTER			
	2	EA CONVERT EXISTING DROP INLET TO JUNCTION BOX			
	625	LF STEEL BM GUARDRAIL			
	62.5	LF STEEL BM GUARDRAIL, SHOP CURVED			

780	SY	SYNTHETIC ROVING
780	SY	MATting FOR EROSION CONTROL
180	LF	1/4" HARDWARE CLOTH
4	EA	SPECIAL STILLING BASINS
6	ACR	SEEDING & MULCHING
3	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
125	LB	SEED FOR SUPPLEMENTAL SEEDING
4.25	TON	FERTILIZER TOPDRESSING
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (20+36.50 -L-)
29.5	LF	**'-**" DIA DRILLED PIERS IN SOIL (4'-0")
37	LF	**'-**" DIA DRILLED PIERS NOT IN SOIL (4'-0")
29.37	LF	PERMANENT STEEL CASING FOR **'-**" DIA DRILLED PIER (4'-0")
1	EA	CROSSHOLE SONIC LOGGING
310.82	LF	CSL TUBES
11,928	SF	REINFORCED CONCRETE DECK SLAB
9,920	SF	GROOVING BRIDGE FLOORS
123.5	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (20+36.50 -L-)
26,254	LB	REINFORCING STEEL (BRIDGE)
4,131	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
424,500	LS	APPROX LBS STRUCTURAL STEEL
795	LF	HP12X53 STEEL PILES
885	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
795	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EV AZOTE JOINT SEALS
737.83	LF	GENERIC STRUCTURE ITEM CLASSIC CONCRETE BRIDGE RAIL

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID**L030121 006****CONTRACT ID : C200616 8.1675902****DIV OFFICE ABLEMARLE****LENGTH = 8.440 MI****COUNTY : MECKLENBURG****MEDIAN GUARDRAIL****DBE GOAL 3.0% COMPLETION DATE : SEE SPECIAL PROVISIONS****I-485 FROM US-74E (INDEPENDENCE BLVD) TO NC-218 AND NC-49 TO SOUTH OF I-85.****ROADWAY ITEMS**

Lump Sum	LS	MOBILIZATION
41,000	LF	CABLE GUIDERAIL
52	EA	CABLE GUIDERAIL ANCHOR UNITS
546	SF	WORK ZONE SIGNS (PORTABLE)
7	EA	FLASHING ARROW PANELS, TYPE C
2	EA	CHANGEABLE MESSAGE SIGNS
248	EA	DRUMS
3	EA	TRUCK MOUNTED IMPACT ATTENUA- TOR (60 MPH)
62	ACR	MOWING
62	HR	SPECIALIZED HAND MOWING
4	ACR	GENERIC EROSION CONTROL ITEM SPECIALIZED SEEDING UNDER GUIDERAIL & GUARDRAIL (CENTI- PEDE)

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030121 007

CONTRACT ID : C200613

8.2711503

DIV OFFICE NORTH WILKESBORO

LENGTH = 0.059 MI

COUNTY : ASHE

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 5.0% COMPLETION DATE : DEC 31 2004

BRIDGE OVER BIG HORSE CREEK & APPROACHES ON SR-1361.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	CONSTRUCTION SURVEYING
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (12+52.00 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
100	CY	UNDERCUT EXCAVATION
300	SF	TEMPORARY SHORING
265	SF	TEMPORARY SHORING - BARRIER SUPPORTED
11	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
56	LF	15" SIDE DRAIN PIPE
36	LF	15" RC PIPE CULVERTS, CLASS III
20	LF	PIPE REMOVAL
300	TON	AGGREGATE BASE COURSE
50	TON	INCIDENTAL STONE BASE
100	GAL	PRIME COAT
70	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
230	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
20	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
8	EA	RIGHT OF WAY MARKERS
45	CY	SUBDRAIN EXCAVATION
34	CY	SUBDRAIN FINE AGGREGATE
200	LF	6" PERFORATED SUBDRAIN PIPE
6	EA	6" SUBDRAIN PIPE WYES, TEES, & ELBOWS
1	EA	CONCRETE PAD FOR SUBDRAIN PIPE OUTLET
6	LF	6" OUTLET PIPE (SUBDRAINS)
2	EA	MASONRY DRAINAGE STRUCTURES
2	EA	STEEL FRAME WITH TWO GRATES, STD840.37
185	LF	SHOULDER BERM GUTTER
87.5	LF	STEEL BM GUARDRAIL
87.5	LF	STEEL BM GUARDRAIL, SHOP CURVED
5	EA	ADDITIONAL GUARDRAIL POSTS
2	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** (III MOD)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
2	EA	GUARDRAIL ANCHOR UNITS, TYPE III
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
75	LF	TEMPORARY STEEL BM GUARDRAIL
50	LF	TEMPORARY STEEL BM GUARDRAIL (SHOP CURVED)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (AT-1)
4	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (III)
3	EA	GUARDRAIL ANCHOR UNITS, TYPE ***** TEMPORARY (M-350)
2	EA	GUARDRAIL ANCHOR UNITS, TYPE 350 TEMPORARY
60	TON	PLAIN RIP RAP, CLASS B
260	SY	FILTER FABRIC FOR DRAINAGE
116	SF	WORK ZONE SIGNS (STATIONARY)
96	SF	WORK ZONE SIGNS (PORTABLE)
20	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
30	EA	DRUMS
30	EA	CONES
64	LF	BARRICADES (TYPE III)

180	MD	FLAGGER
4	EA	WARNING LIGHTS (TYPE B)
10,608	LF	PAINT PAVEMENT MARKING LINES (4")
200	LF	REMOVAL OF PAVEMENT MARKING LINES (4")
775	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
280	TON	STONE FOR EROSION CONTROL, CLASS B
85	TON	SEDIMENT CONTROL STONE
1	ACR	TEMPORARY MULCHING
50	LB	SEED FOR TEMPORARY SEEDING
0.25	TON	FERTILIZER FOR TEMPORARY SEED- ING
70	LF	TEMPORARY SLOPE DRAINS
3	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
580	CY	SILT EXCAVATION
140	SY	SYNTHETIC ROVING
200	SY	MATTING FOR EROSION CONTROL
40	LF	1/4" HARDWARE CLOTH
1.5	ACR	SEEDING & MULCHING
0.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
50	LB	SEED FOR SUPPLEMENTAL SEEDING
1	TON	FERTILIZER TOPDRESSING
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL
0.25	ACR	REFORESTATION

STRUCTURE ITEMS

Lump Sum	LS	CONSTRUCTION, MAINTENANCE, & REMOVAL OF TEMP STRUCTURE AT STA ***** (12+52.00 -L-)
Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (12+52.00 -L-)
3,076	SF	REINFORCED CONCRETE DECK SLAB
2,373	SF	GROOVING BRIDGE FLOORS
51.4	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (12+52.00 -L-)
8,430	LB	REINFORCING STEEL (BRIDGE)
99,100	LS	APPROX LBS STRUCTURAL STEEL
150	LF	HP12X53 STEEL PILES
15	EA	STEEL PILE POINTS
227.19	LF	CONCRETE BARRIER RAIL
255	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
285	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS
Lump Sum	LS	GENERIC STRUCTURE ITEM UNCLASSIFIED STRUCTURE EXCAVA- TION

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L030121 008

CONTRACT ID : C200686 6.761009R

DIV OFFICE NORTH WILKESBORO

LENGTH = 1.000 MI

COUNTY : WILKES

SHOULDER RECONSTRUCTION, MILLING & RESURFACING.

MBE GOAL 5.0% WBE 3.0% COMPLETION DATE : JUL 31 2003

NC-18/NC-268 FROM WEST OF NC-18 TO WEST OF SR-1001.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
20	TON	INCIDENTAL STONE BASE
0.1	SMI	SHOULDER RECONSTRUCTION
23.091	SY	MILLING ASPHALT PAVEMENT, *** TO ***** DEPTH (3" TO 4-1/2")
4,334	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B
281	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
25	EA	ADJUSTMENT OF CATCH BASINS
6	EA	ADJUSTMENT OF DROP INLETS
11	EA	ADJUSTMENT OF MANHOLES
7	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
2,582	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)
7,600	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)
500	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 120 MILS)
180	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)
4	EA	THERMOPLASTIC PAVEMENT MARKING CHARACTER (120MIL)
25	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)
10,182	LF	PAINT PAVEMENT MARKING LINES (4")
500	LF	PAINT PAVEMENT MARKING LINES (8")
180	LF	PAINT PAVEMENT MARKING LINES (24")
4	EA	PAINT PAVEMENT MARKING CHARAC- TER
25	EA	PAINT PAVEMENT MARKING SYMBOL
70	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS
Lump Sum	LS	PORTABLE LIGHTING
1	ACR	SEEDING & MULCHING
22	LF	TRENCHING (PAVED)
25	LF	TRENCHING (UNPAVED)
2,150	LF	INDUCTIVE LOOP SAWCUT

FEDERAL AID PROPOSAL, CONTRACTOR LICENSE NOT REQUIRED TO BID

L030121 009

CONTRACT ID : C200622 8.2780703

DIV OFFICE SHELBY

LENGTH = 0.294 MI

COUNTY : ALEXANDER

GRADING, DRAINAGE, PAVING & STRUCTURE.

DBE GOAL 9.0% COMPLETION DATE : NOV 01 2003

BRIDGE OVER MUDDY FORK CREEK & APPROACHES ON SR-1313.

ROADWAY ITEMS

Lump Sum	LS	MOBILIZATION
Lump Sum	LS	REINFORCED BRIDGE APPROACH FILL, STATION ***** (23+51.50 -L-)
Lump Sum	LS	GRADING
1	ACR	SUPPLEMENTARY CLEARING & GRUB- BING
265	CY	DRAINAGE DITCH EXCAVATION
16	TON	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRS
40	LF	15" SIDE DRAIN PIPE
32	LF	18" SIDE DRAIN PIPE
60	LF	18" RC PIPE CULVERTS, CLASS III
16	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK (15", 0.064")
2	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK (15", 0.064")
110	LF	PIPE REMOVAL
25	TON	INCIDENTAL STONE BASE
595	TON	ASPHALT CONC BASE COURSE, TYPE B25.0B
485	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0B
565	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5A
86	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22
9	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR
1	EA	MASONRY DRAINAGE STRUCTURES
1	EA	FRAME WITH TWO GRATES, STD 840.29
45	LF	SHOULDER BERM GUTTER
3	EA	ADJUSTMENT OF METER BOXES OR VALVE BOXES
1,100	LF	STEEL BM GUARDRAIL
5	EA	ADDITIONAL GUARDRAIL POSTS
4	EA	GUARDRAIL ANCHOR UNITS, TYPE III
4	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
2,925	LF	** STRAND BARBED WIRE FENCE WITH POSTS (4)
1	EA	SINGLE GATES, *** HIGH, ** WIDE, ** OPENING (45", 12', 12')
1	EA	SINGLE GATES, *** HIGH, ** WIDE, ** OPENING (45", 16', 16')
430	LF	BARBED WIRE FENCE RESET
Lump Sum	LS	GENERIC FENCING ITEM SPECIAL STREAM CROSSING FENCE
55	TON	PLAIN RIP RAP, CLASS I
140	TON	PLAIN RIP RAP, CLASS B
500	SY	FILTER FABRIC FOR DRAINAGE
41	SF	CONTRACTOR FURNISHED, TYPE *** SIGN (E)
81	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
12	EA	SIGN ERECTION, TYPE E
8	EA	DISPOSAL OF SIGN SYSTEM, U- CHANNEL
111	SF	WORK ZONE SIGNS (STATIONARY)
94	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
96	LF	BARRICADES (TYPE III)
12,400	LF	PAINT PAVEMENT MARKING LINES (4")
36	TON	FOUNDATION CONDITIONING MATE- RIAL, UTILITIES CLASS ***** (IV)
36	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (VI)

29	LF	6" DI WATER PIPE, PC 350
635	LF	8" PVC WATER PIPE, (C900), DR **, *****WP (DR 18, 150# WP)
1,000	LB	DUCTILE IRON WATER PIPE FIT- TINGS, 250# MIN WP
1	EA	8" GATE VALVE & VALVE BOX, *****WP (200#)
225	LF	TEMPORARY SILT FENCE
75	TON	STONE FOR EROSION CONTROL, CLASS A
390	TON	STONE FOR EROSION CONTROL, CLASS B
75	TON	SEDIMENT CONTROL STONE
4	ACR	TEMPORARY MULCHING
150	LB	SEED FOR TEMPORARY SEEDING
0.75	TON	FERTILIZER FOR TEMPORARY SEED- ING
100	LF	TEMPORARY SLOPE DRAINS
5	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS
740	CY	SILT EXCAVATION
600	SY	SYNTHETIC ROVING
600	SY	MATTING FOR EROSION CONTROL
535	SY	PERMANENT SOIL REINFORCEMENT MAT
20	LF	1/4" HARDWARE CLOTH
4	ACR	SEEDING & MULCHING
2.5	ACR	MOWING
50	LB	SEED FOR REPAIR SEEDING
0.25	TON	FERTILIZER FOR REPAIR SEEDING
100	LB	SEED FOR SUPPLEMENTAL SEEDING
3	TON	FERTILIZER TOPDRESSING
1.5	HR	SPECIALIZED HAND MOWING
8	EA	RESPONSE FOR EROSION CONTROL

STRUCTURE ITEMS

Lump Sum	LS	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (23+51.50 -L-)
Lump Sum	LS	FOUNDATION EXCAVATION FOR END BENT ** AT STATION ***** (2, 23+51.50 -L-)
116	CY	UNCLASSIFIED STRUCTURE EXCAVA- TION
4,003	SF	REINFORCED CONCRETE DECK SLAB
3,423	SF	GROOVING BRIDGE FLOORS
97.1	CY	CLASS A CONCRETE (BRIDGE)
Lump Sum	LS	BRIDGE APPROACH SLABS, STATION ***** (23+51.50 -L-)
16,250	LB	REINFORCING STEEL (BRIDGE)
309	LB	SPIRAL COLUMN REINFORCING STEEL (BRIDGE)
555	LF	54" PRESTRESSED CONCRETE GIR- DERS
215	LF	HP12X53 STEEL PILES
15	EA	STEEL PILE POINTS
185.83	LF	CONCRETE BARRIER RAIL
381	TON	PLAIN RIP RAP CLASS II (2'-0" THICK)
425	SY	FILTER FABRIC FOR DRAINAGE
Lump Sum	LS	ELASTOMERIC BEARINGS
Lump Sum	LS	EVAZOTE JOINT SEALS

STATE FUNDED PROPOSAL, CONTRACTOR LICENSE REQUIRED TO BID

L030121 010

CONTRACT ID : C200603 6.881008

DIV OFFICE ASHEVILLE

LENGTH = 3.990 MI

COUNTY : MCDOWELL, MITCHELL

WIDENING, GRADING, DRAINAGE & PAVING.

MBE GOAL 8.0% WBE 4.0% COMPLETION DATE : AUG 29 2004

NC-226 FROM BLUE RIDGE PARKWAY TO US-19E IN SPRUCE PINE.

ROADWAY ITEMS

			27	LF	MASONRY DRAINAGE STRUCTURES
			7	EA	FRAME WITH TWO GRATES, STD 840.16
			28	EA	FRAME WITH TWO GRATES, STD 840.24
			4	EA	FRAME WITH TWO GRATES, STD 840.29
			4	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (E)
			31	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (F)
			32	EA	FRAME WITH GRATE & HOOD, STD 840.03, TYPE ** (G)
			5	EA	FRAME WITH COVER, STD 840.54
			1	EA	CONCRETE APRON FOR DROP INLETS
			18,050	LF	2'-6" CONCRETE CURB & GUTTER
			575	LF	SHOULDER BERM GUTTER
			250	LF	CONCRETE EXPRESSWAY GUTTER
			886	SY	6" CONCRETE DRIVEWAY
			510	SY	4" CONCRETE PAVED DITCH
			4,537.5	LF	STEEL BM GUARDRAIL
			425	LF	STEEL BM GUARDRAIL, SHOP CURVED
			10	EA	ADDITIONAL GUARDRAIL POSTS
			13	EA	GUARDRAIL ANCHOR UNITS, TYPE AT-1
			27	EA	GUARDRAIL ANCHOR UNITS, TYPE 350
			200	TON	PLAIN RIP RAP, CLASS I
			180	TON	PLAIN RIP RAP, CLASS B
			2,010	SY	FILTER FABRIC FOR DRAINAGE
			2	CY	REINFORCED CONCRETE SIGN FOOTINGS
			3	CY	PLAIN CONCRETE SIGN FOOTINGS
			2,932	LB	SUPPORTS, BREAKAWAY STEEL BEAM
			894	LF	SUPPORTS, 3-LB STEEL U-CHANNEL
			7	EA	SIGN ERECTION, TYPE D
			36	EA	SIGN ERECTION, TYPE E
			7	EA	SIGN ERECTION, TYPE F
			1	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (A)
			4	EA	SIGN ERECTION, TYPE *** (GROUND MOUNTED) (B)
			1	EA	RELOCATE SIGN, TYPE ***** (A)
			4	EA	RELOCATE SIGN, TYPE ***** (B)
			6	EA	RELOCATE SIGN, TYPE ***** (E)
			6	EA	DISPOSAL OF SIGN SYSTEM, STEEL BEAM
			71	EA	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
			4	EA	DISPOSAL OF SIGN SYSTEM, WOOD
			666	LB	GENERIC SIGNING ITEM SUPPORTS, CORROSION RESISTANT BREAKAWAY STEEL BEAM
			175	LF	GENERIC SIGNING ITEM SUPPORTS, 3 LB CORROSION RESISTANT STEEL U-CHANNEL
			894	SF	WORK ZONE SIGNS (STATIONARY)
			288	SF	WORK ZONE SIGNS (PORTABLE)
			50	SF	WORK ZONE SIGNS (BARRICADE MOUNTED)
			2	EA	CHANGEABLE MESSAGE SIGNS
			5	EA	WARNING FLAG SETS
			80	EA	DRUMS
			50	EA	CONES
			50	LF	BARRICADES (TYPE III)
			1,920	HR	FLAGGER
			4	EA	WARNING LIGHTS (TYPE B)
			1	EA	TRUCK MOUNTED IMPACT ATTENUATOR (45 MPH)
Lump Sum	LS	MOBILIZATION			
Lump Sum	LS	CLEARING & GRUBBING .. ACRE(S)			
2	ACR	SUPPLEMENTARY CLEARING & GRUBBING			
5,525	CY	UNCLASSIFIED EXCAVATION			
200	CY	UNDERCUT EXCAVATION			
12,000	CY	BORROW EXCAVATION			
265	CY	DRAINAGE DITCH EXCAVATION			
2,350	SY	REMOVAL OF EXISTING ASPHALT PAVEMENT			
900	TON	FOUNDATION CONDITIONING MATERIAL, MINOR STRS			
200	LF	15" SIDE DRAIN PIPE			
282	LF	18" SIDE DRAIN PIPE			
104	LF	24" SIDE DRAIN PIPE			
3,192	LF	15" RC PIPE CULVERTS, CLASS III			
1,508	LF	18" RC PIPE CULVERTS, CLASS III			
1,412	LF	24" RC PIPE CULVERTS, CLASS III			
356	LF	30" RC PIPE CULVERTS, CLASS III			
96	LF	36" RC PIPE CULVERTS, CLASS III			
104	LF	42" RC PIPE CULVERTS, CLASS III			
224	LF	48" RC PIPE CULVERTS, CLASS III			
72	LF	54" RC PIPE CULVERTS, CLASS III			
144	LF	15" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
134	LF	18" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
100	LF	24" BIT COAT CS PIPE CULVERTS, TYPE B 0.064" THICK			
216	LF	30" BIT COAT CS PIPE CULVERTS, TYPE B 0.079" THICK			
1	EA	15" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
3	EA	18" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
4	EA	24" BIT COAT CS PIPE ELBOWS, TYPE B 0.064" THICK			
2	EA	30" BIT COAT CS PIPE ELBOWS, TYPE B 0.079" THICK			
136	LF	*** WELDED STEEL PIPE, ***** THICK, GRADE B, INSTALLED BY BORING & JACKING (36", 0.375")			
1,272	LF	PIPE REMOVAL			
Lump Sum	LS	FINE GRADING			
300	TON	INCIDENTAL STONE BASE			
11,600	TON	ASPHALT CONC BASE COURSE, TYPE B25.0C			
3,450	TON	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C			
500	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5B			
9,900	TON	ASPHALT CONC SURFACE COURSE, TYPE S9.5C			
694	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 64-22			
644	TON	ASPHALT BINDER FOR PLANT MIX, GRADE PG 70-22			
600	TON	ASPHALT PLANT MIX, PAVEMENT REPAIR			
8	EA	RIGHT OF WAY MARKERS			
3	EA	METAL FUNNELS			
56	LF	12" FUNNEL DRAIN PIPE			
6	EA	12" FUNNEL DRAIN PIPE ELBOWS			
17	CY	ENDWALLS			
5	CY	REINFORCED ENDWALLS			
21	CY	FLOWABLE FILL			
108	EA	MASONRY DRAINAGE STRUCTURES			
10.5	CY	MASONRY DRAINAGE STRUCTURES			

295	EA	TEMPORARY RAISED PAVEMENT MARKERS	736	LB	REINFORCING STEEL (CULVERT)
26,000	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 90 MILS)			
85,400	LF	THERMOPLASTIC PAVEMENT MARKING LINES (4", 120 MILS)			
100	LF	THERMOPLASTIC PAVEMENT MARKING LINES (8", 90 MILS)			
200	LF	THERMOPLASTIC PAVEMENT MARKING LINES (24", 120 MILS)			
96	EA	THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS)			
148,306	LF	PAINT PAVEMENT MARKING LINES (4")			
200	LF	PAINT PAVEMENT MARKING LINES (8")			
400	LF	PAINT PAVEMENT MARKING LINES (24")			
176	EA	PAINT PAVEMENT MARKING SYMBOL			
2,800	LF	REMOVAL OF PAVEMENT MARKING LINES (4")			
295	EA	SNOWPLOWABLE RAISED PAVEMENT MARKERS			
20	TON	FOUNDATION CONDITIONING MATERIAL, UTILITIES CLASS ***** (V)			
20	TON	BEDDING MATERIAL, UTILITIES CLASS ***** (V)			
60	LF	8" DI WATER PIPE, PC 350			
312	LF	10" DI WATER PIPE, PC 350			
25	LF	3/4" COPPER WATER PIPE, TYPE K			
2,740	LB	DUCTILE IRON WATER PIPE FITTINGS, 250# MIN WP			
90	LF	***" GS WATER PIPE, SCH ** (1-1/2", SCH 40)			
30	LF	***" GS WATER PIPE, SCH ** (2", SCH 40)			
6,100	LF	TEMPORARY SILT FENCE			
750	TON	STONE FOR EROSION CONTROL, CLASS A			
2,850	TON	STONE FOR EROSION CONTROL, CLASS B			
1,550	TON	SEDIMENT CONTROL STONE			
21	ACR	TEMPORARY MULCHING			
750	LB	SEED FOR TEMPORARY SEEDING			
3	TON	FERTILIZER FOR TEMPORARY SEEDING			
100	LF	TEMPORARY SLOPE DRAINS			
5	EA	INLET PROTECTION AT TEMPORARY SLOPE DRAINS			
8,300	CY	SILT EXCAVATION			
8,000	SY	SYNTHETIC ROVING			
8,000	SY	MATting FOR EROSION CONTROL			
1,500	SY	PERMANENT SOIL REINFORCEMENT MAT			
2,400	LF	1/4" HARDWARE CLOTH			
21	ACR	SEEDING & MULCHING			
12.5	ACR	MOWING			
200	LB	SEED FOR REPAIR SEEDING			
0.5	TON	FERTILIZER FOR REPAIR SEEDING			
500	LB	SEED FOR SUPPLEMENTAL SEEDING			
15.75	TON	FERTILIZER TOPDRESSING			
13	HR	SPECIALIZED HAND MOWING			
16	EA	RESPONSE FOR EROSION CONTROL			
980	LF	SIGNAL CABLE			
13	EA	VEHICLE SIGNAL HEAD (12", 3 SECTION)			
1	EA	VEHICLE SIGNAL HEAD (12", 5 SECTION)			
640	LF	MESSENGER CABLE (3/8")			
90	LF	TRENCHING (PAVED)			
1,275	LF	TRENCHING (UNPAVED)			
11	EA	JUNCTION BOX (STANDARD SIZE)			
1,472	LF	INDUCTIVE LOOP SAWCUT			
2,955	LF	LEAD-IN CABLE			
8	EA	METAL STRAIN SIGNAL POLE			
8	EA	METAL SIGNAL POLE FOUNDATION			
2	EA	SIGNAL CABINET FOUNDATION			
2	EA	CABINET BASE ADAPTER			
2	EA	CONTROLLER WITH CABINET (TYPE 2070L, BASE MOUNTED)			
13	EA	DETECTOR CHANNEL (TYPE 2070L)			

CULVERT ITEMS

9.8	CY	CLASS A CONCRETE (CULVERT)
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